

1 1. A method of adapting a rate of processing activity in response to changing
2 network conditions, the method comprising the steps of:
3 processing graphical data by a server agent at a first rate, the processed
4 graphical data being addressed to a client agent via a network coupled to the client and
5 server agent;
6 determining the network conditions of the network; and
7 adjusting, by the server agent, the rate of processing activity of the server agent
8 from the first rate to a second rate in response to a change in the network conditions.

1 2. The method of claim 1 further comprising the steps of:
2 transmitting the processed graphical data to the client agent;
3 measuring, by the client agent, a time differential associated with transmitting
4 the processed graphical data, the time differential corresponding to the change in the
5 network conditions; and
6 selecting the second rate in accordance with the time differential.

1 3. The method of claim 1 further comprising the steps of:
2 processing the graphical data at the first rate in accordance with a first encoding
3 scheme;
4 selecting a second encoding scheme in response to the change in the network
5 conditions; and

6 processing subsequent graphical data in accordance with the second encoding
7 scheme.

1 4. A method of adapting a processing activity operating on graphical data in
2 response to changing network conditions, the method comprising the steps of:
3 processing graphical data by a server agent using a first encoding technique, the
4 processed graphical data being addressed to a client agent via a network coupled to the
5 client and server agent;
6 determining the network conditions of the network;
7 selecting, by the server agent, a second encoding technique in response to a
8 change in the network conditions; and
9 processing subsequent graphical data by the server agent using the second
10 encoding technique.

1 5. The method of claim 4 further comprising the steps of:
2 transmitting the processed graphical data to the client agent;
3 measuring, by the client agent, a time differential associated with transmitting
4 the processed graphical data, the time differential corresponding to the change in the
5 network conditions; and
6 selecting the second encoding technique in accordance with the time differential.

1 6. A method of adapting a processing rate of a server in response to a performance
2 mismatch between the server and a client coupled to the server via a network, the method
3 comprising the steps of:
4 processing graphical data by a server agent;
5 determining a first time period associated with processing the graphical data at
6 the server agent;
7 processing the graphical data by a client agent;
8 determining a second time period associated with processing the graphical data
9 at the client agent;
10 determining the time differential between the first and second time periods; and
11 adjusting, by the server agent, the processing rate of the server in accordance
12 with the time differential.

1 7. The method of claim 6 wherein the first time period is determined by scrolling a
2 frame buffer of the server.

1 8. A system for adapting a rate of processing activity in response to changing
2 network conditions, the system comprising:
3 a client agent;
4 a network coupled to the client agent, the network conditions being associated
5 with the network;

6 a server agent coupled to the client agent via the network, the server agent
7 processing a first graphical data at a first rate, the processed first graphical data being
8 addressed to the client agent, wherein the server agent adjusts the processing rate from the
9 first rate to a second rate in response to a change in the network conditions.

1 9. The system of claim 8 wherein a first encoding scheme is used to process the first
2 graphical data at the first rate and a second encoding scheme is used to process a second
3 graphical data at the second rate.

1 10. A system for adapting a processing activity operating on graphical data in
2 response to changing network conditions, the system comprising:
3 a client agent;
4 a network coupled to the client agent, the network conditions being associated
5 with the network;
6 a server agent coupled to the client agent via the network, the server agent
7 processing a first graphical data using a first encoding technique and a second graphical
8 data using a second encoding technique in response to a change in the network
9 conditions, wherein the server agent transmits the first and second graphical data to the
10 client agent via the network.

1 11. The system of claim 10 wherein the change in the network conditions is detected
2 from a time differential determined by the client agent.

1 12. A system for adapting a processing rate of a server in response to a performance
2 mismatch between the server and a client coupled to the server via a network, the system
3 comprising:
4 a client agent, the client agent processing graphical data at a client rate;
5 a server agent coupled to the client agent via a network, the server agent
6 processing the graphical data at a server rate, wherein the server agent adjusts the server
7 rate in response to a difference between the client and server rates.

1 13. The system of claim 12 wherein the server rate is determined by scrolling a frame
2 buffer of the server.